

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In re the application of:** Yashwant M. Deo *et al.*

**Serial No.:** 10/035,637

**Filed:** November 7, 2001

**For:** "*Human Monoclonal Antibodies To Dendritic Cells*"

**Attorney Docket No.:** MXI-166CP

**Group Art Unit:** 1644

**Examiner:** Not yet assigned

**DECLARATION OF ADDED INVENTOR JOHN TREML  
PURSUANT TO 37 C.F.R § 1.48(a)(2)**

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

I, John Tremml, declare as follows:

1. I am a co-inventor of the above-referenced patent application Serial No. 10/035,637, filed November 7, 2001, and am familiar with the contents thereof.
2. The error of my not being included as an inventor in the application occurred without any deceptive intention on my part.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

10/24/03  
Date

John Tremml  
John Tremml



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In re the application of:** Yashwant M. Deo *et al.*

**Serial No.:** 10/035,637

**Filed:** November 7, 2001

**For:** "*Human Monoclonal Antibodies To Dendritic Cells*"

**Attorney Docket No.:** MXI-166CP

**Group Art Unit:** 1644

**Examiner:** Not yet assigned

**DECLARATION OF ADDED INVENTOR MICHAEL ENDRES  
PURSUANT TO 37 C.F.R § 1.48(a)(2)**

Commissioner for Patents  
Washington, D.C. 20231

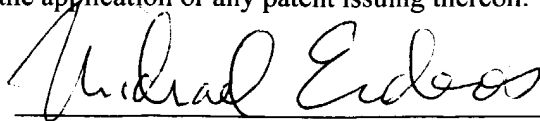
Dear Sir:

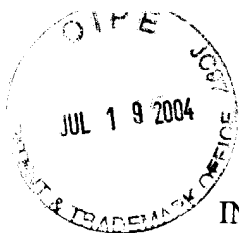
I, Michael Endres, declare as follows:

1. I am a co-inventor of the above-referenced patent application Serial No. 10/035,637, filed November 7, 2001, and am familiar with the contents thereof.
2. The error of my not being included as an inventor in the application occurred without any deceptive intention on my part.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

7/31/03  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Michael Endres



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In re the application of:** Yashwant M. Deo *et al.*

**Serial No.:** 10/035,637

**Filed:** November 7, 2001

**For:** "*Human Monoclonal Antibodies To Dendritic Cells*"

**Attorney Docket No.:** MXI-166CP

**Group Art Unit:** 1644

**Examiner:** Not yet assigned

**DECLARATION BY ASSIGNEE  
PURSUANT TO 37 C.F.R § 1.48(a)(5)**

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Medarex, Inc. hereby certifies under 37 C.F.R. § 1.48(a)(5) that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventors of the patent application. The assignment from the inventors to Medarex has been recorded in the Patent and Trademark Office at Reel 013015, Frame 0422.

Medarex, Inc. hereby requests and agrees to the change of the inventorship of the present application to add John Treml and Michael Endres as inventors.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee, Medarex, Inc.

The undersigned hereby declares that all statements made herein of the undersigned's own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false

statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

5/7/03  
Date

W. Bradford M. Middlekauff  
Name: W. Bradford Middlekauff, Esquire  
Title: Senior Vice President & General Counsel



Customer Number: 000959

Attorney's  
Docket  
Number MXI-166CP

Declaration, Petition and Power of Attorney for Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

HUMAN MONOCLONAL ANTIBODIES TO DENDRITIC CELLS

the specification of which

(check one)

     is attached hereto.

X was filed on November 7, 2001 as

Application Serial No. 10/035,637

and was amended on \_\_\_\_\_  
(if applicable)

I do not know and do not believe that the subject matter of this application was known or used by others in the United States or patented or described in a printed publication in any country before my invention thereof, or patented or described in a printed publication in any country or in public use or on sale in the United States more than one year prior to the date of this application, or first patented or caused to be patented or made the subject of an inventor's certificate by me or my legal representatives or assigns in a country foreign to the United States prior to the date of this application on an application filed more than twelve months (six months if this application is for a design) before the filing of this application; and I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application, that no application for patent or inventor's certificate on the subject matter of this application has been filed by me or my representatives or assigns in any country foreign to the United States, except those identified below, and that I have reviewed and understand the contents of the specification, including the claims as amended by any amendment referred to herein.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

# CLAIM OF BENEFIT OF EARLIER FOREIGN APPLICATION(S)

I hereby claim priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below, and have also identified below any foreign application(s) for patent or inventor's certificate filed by me on the same subject matter having a filing date before that of the application(s) from which priority is claimed.

Check one:

☒ no such applications have been filed.

☐ such applications have been filed as follows

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED WITHIN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

| Country | Application Number | Date of Filing<br>(month,day,year) | Priority Claimed<br>Under 35 USC 119                     |
|---------|--------------------|------------------------------------|--|
|         |                    |                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|         |                    |                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|         |                    |                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|         |                    |                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|         |                    |                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No |

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

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|--|
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CLAIM FOR BENEFIT OF U.S. PROVISIONAL APPLICATION(S)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

60/230,739

(Application Serial No.)

September 7, 2000

(Filing Date)

60/203,126

(Application Serial No.)

May 8, 2000

(Filing Date)

$$L_{\infty}^{\infty}$$
$$L_{\infty}^{\infty}$$
$$L_{\infty}^{\infty}$$



POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

|                        |                 |                                |                           |
|------------------------|-----------------|--------------------------------|---------------------------|
| James E. Cockfield     | Reg. No. 19,162 | Maria C. Laccotripe Zacharakis | Limited Recognition       |
| Thomas V. Smurzynski   | Reg. No. 24,798 |                                | Under 37 C.F.R. § 10.9(b) |
| Ralph A. Loren         | Reg. No. 29,325 | Debra J. Milasincic            | Reg. No. 46,931           |
| Giulio A. DeConti, Jr. | Reg. No. 31,503 | David R. Burns                 | Reg. No. 46,590           |
| Ann Lamport Hammitte   | Reg. No. 34,858 | Sean D. Detweiler              | Reg. No. 42,482           |
| Elizabeth A. Hanley    | Reg. No. 33,505 | Cynthia L. Kanik               | Reg. No. 37,320           |
| Amy E. Mandragouras    | Reg. No. 36,207 | Theodore R. West               | Reg. No. 47,202           |
| Anthony A. Laurentano  | Reg. No. 38,220 | Shayne Y. Huff                 | Reg. No. 44,784           |
| Kevin J. Canning       | Reg. No. 35,470 | Hathaway P. Russell            | Reg. No. 46,488           |
| Jane E. Remillard      | Reg. No. 38,872 | John S. Curran                 | Reg. No. 50,445           |
| DeAnn F. Smith         | Reg. No. 36,683 | Lisa M. DiRocco                | Reg. No. 51,619           |
| Peter C. Lauro         | Reg. No. 32,360 | Danielle L. Herritt            | Reg. No. 43,670           |
| Jeanne M. DiGiorgio    | Reg. No. 41,710 | Merideth C. Arnold             | Reg. No. 52,568           |
| Megan E. Williams      | Reg. No. 43,270 | Peter W. Dini                  | Reg. No. 52,821           |
| Jeremiah Lynch         | Reg. No. 17,425 | Cynthia M. Soroos              | Reg. No. 53,623           |
| David J. Ridders       | Reg. No. 43,882 | Jonathan M. Sparks             | Reg. No. 53,624           |

Send Correspondence to Giulio A. DeConti, Jr. at **Customer Number: 000959** whose address is:

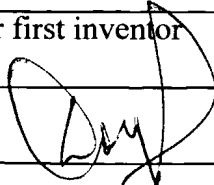
Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109

Direct Telephone Calls to: (name and telephone number)

Jane E. Remillard, (617) 227-7400

Wherefore I petition that letters patent be granted to me for the invention or discovery described and claimed in the attached specification and claims, and hereby subscribe my name to said specification and claims and to the foregoing declaration, power of attorney, and this petition.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

|                                     |   |                      |
|-------------------------------------|---|----------------------|
| Full name of sole or first inventor | Yashwant M. Deo   |                      |
| Inventor's signature                |  | Date<br>July 6, 2007 |
| Residence                           | 35 Cortland Drive, East Brunswick, New Jersey 08816                                 |                      |
| Citizenship                         | United States of America  |                      |
| Post Office Address (if different)  |   |                      |

|   |      |
|---|------|
| Full name of second inventor, if any<br>Tibor Keler |      |
| Inventor's signature                                | Date |
| Residence<br>30 Park Road, Ottsville, PA 18942      |      |
| Citizenship<br>United States of America             |      |
| Post Office Address (if different)                  |      |

|   |      |
|---|------|
| Full name of third inventor, if any<br>John Treml               |      |
| Inventor's signature  | Date |
| Residence<br>4701 Pine Street, Apt. A12, Philadelphia, PA 19143 |      |
| Citizenship<br>United States of America                         |      |
| Post Office Address (if different)                              |      |

|   |      |
|---|------|
| Full name of fourth inventor, if any<br>Michael Endres              |      |
| Inventor's signature  | Date |
| Residence<br>24 Delaware Road, P.O. Box 511, Riegelsville, PA 18077 |      |
| Citizenship<br>United States of America                             |      |
| Post Office Address (if different)                                  |      |



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**DECLARATION FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

HUMAN MONOCLONAL ANTIBODIES TO DENDRITIC CELLS

the specification of which was filed on November 7, 2001 as Application No. 10/035637.

In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request my attorneys/agent(s) at **Lahive & Cockfield, LLP**, 28 State Street, Boston, Massachusetts 02109, to insert above the filing date and/or Application No. of said application.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

☒ no such foreign applications have been filed

☐ such foreign application have been filed as follows:

**EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

| Application Number | Country | Date of Filing | Priority Claimed<br>Under 35 USC 119 |
|--------------------|---------|----------------|--------------------------------------|
|                    |         |                | ___ Yes No ___                       |
|                    |         |                | ___ Yes No ___                       |
|                    |         |                | ___ Yes No ___                       |

**ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

| Application Number | Country | Date of Filing |
|--------------------|---------|----------------|
|                    |         |                |
|                    |         |                |
|                    |         |                |

**CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS**

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

☒ no such U.S. provisional applications have been filed.

☐ such U.S. provisional application have been filed as follows:

| Application Number | Date of Filing | Priority Claimed<br>Under 35 USC 119 |
|--------------------|----------------|--------------------------------------|
|                    |                | ___ Yes No ___                       |
|                    |                | ___ Yes No ___                       |
|                    |                | ___ Yes No ___                       |

**CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)**

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

☒ no such U.S./PCT applications have been filed.

☐ such U.S./PCT application have been filed as follows:

| Application Number | Relationship | Parent Application | Date of Filing |
|--------------------|--------------|--------------------|----------------|
|                    |              |                    |                |
|                    |              |                    |                |
|                    |              |                    |                |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

All practitioners at Customer Number 00959

all of **Lahive & Cockfield, LLP**, 28 State Street, Boston, Massachusetts 02109, jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.


Please mail all correspondence to Giulio A. DeConti, Jr. at **Customer Number** 00959, whose address is:

**Lahive & Cockfield, LLP**  
28 State Street  
Boston, Massachusetts 02109

Please direct telephone calls to: Giulio A. DeConti, Jr. at (617) 227-7400.

Please direct facsimiles to: (617) 742-4214

|  |      |
|--|------|
| Full name of sole or first inventor<br><b>Yashwant M. DEO</b>                        |      |
| Sole or first inventor's signature   | Date |
| Residence<br><b>East Brunswick, New Jersey</b>                                       |      |
| Citizenship <b>US</b>  |      |
| Mailing Address<br><br><b>35 Cortland Drive<br/>East Brunswick, New Jersey 08816</b> |      |

|  |                        |
|--|------------------------|
| Full name of second inventor, if any<br><b>Tibor KELER</b>   |                        |
| Second inventor's signature<br> | Date<br><b>7/13/04</b> |
| Residence<br><b>Ottsville, Pennsylvania</b>  |                        |
| Citizenship <b>US</b>  |                        |
| Mailing Address<br><br><b>30 Park Road<br/>Ottsville, Pennsylvania 18942</b>                                     |                        |

|   |      |
|---|------|
| Full name of fourth inventor, if any<br><b>John TREML</b>                                     |      |
| Fourth inventor's signature   | Date |
| Residence<br><b>Philadelphia, Pennsylvania</b>  |      |
| Citizenship <b>US</b>   |      |
| Mailing Address<br><br><b>4701 Pine Street, Apt. A12<br/>Philadelphia, Pennsylvania 19143</b> |      |

|   |      |
|---|------|
| Full name of fifth inventor, if any<br><b>Michael ENDRES</b>  |      |
| Fifth inventor's signature  | Date |
| Residence<br><b>Riegelsville, Pennsylvania</b>  |      |
| Citizenship <b>US</b>   |      |
| Mailing Address<br><b>24 Delaware Road<br/>P.O. Box 511<br/>Riegelsville, Pennsylvania 18077-0511</b> |      |



Customer Number: 000959

Attorney's  
Docket  
Number MXI-166CP

Declaration, Petition and Power of Attorney for Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

HUMAN MONOCLONAL ANTIBODIES TO DENDRITIC CELLS

the specification of which

(check one)

     is attached hereto.

X was filed on November 7, 2001 as

Application Serial No. 10/035,637

and was amended on \_\_\_\_\_  
(if applicable)

I do not know and do not believe that the subject matter of this application was known or used by others in the United States or patented or described in a printed publication in any country before my invention thereof, or patented or described in a printed publication in any country or in public use or on sale in the United States more than one year prior to the date of this application, or first patented or caused to be patented or made the subject of an inventor's certificate by me or my legal representatives or assigns in a country foreign to the United States prior to the date of this application on an application filed more than twelve months (six months if this application is for a design) before the filing of this application; and I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application, that no application for patent or inventor's certificate on the subject matter of this application has been filed by me or my representatives or assigns in any country foreign to the United States, except those identified below, and that I have reviewed and understand the contents of the specification, including the claims as amended by any amendment referred to herein.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.



### CLAIM OF BENEFIT OF EARLIER FOREIGN APPLICATION(S)

I hereby claim priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below, and have also identified below any foreign application(s) for patent or inventor's certificate filed by me on the same subject matter having a filing date before that of the application(s) from which priority is claimed.

Check one:

☒ no such applications have been filed.

☐ such applications have been filed as follows

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED WITHIN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

| Country | Application Number | Date of Filing<br>(month,day,year) | Priority Claimed<br>Under 35 USC 119                     |
|---------|--------------------|------------------------------------|--|
|         |                    |                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|         |                    |                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|         |                    |                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|         |                    |                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|         |                    |                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No |

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

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CLAIM FOR BENEFIT OF U.S. PROVISIONAL APPLICATION(S)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

|                          |                          |
|--------------------------|--------------------------|
| <u>60/230,739</u>        | <u>September 7, 2000</u> |
| (Application Serial No.) | (Filing Date)            |

|                          |                    |
|--------------------------|--------------------|
| <u>60/203,126</u>        | <u>May 8, 2000</u> |
| (Application Serial No.) | (Filing Date)      |

## CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of any earlier United States application(s) or PCT international application(s) designating the United States listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the earlier application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date(s) of the earlier application(s) and the national or PCT international filing date of this application. As to subject matter of this application which is common to my earlier application(s), if any, described below, I do not know and do not believe that the same was known or used by others in the United States or patented or described in a printed publication in any country before my invention thereof, or patented or described in a printed publication in any country or in public use or on sale in the United States more than one year prior to the date(s) of said earlier application(s), or first patented or caused to be patented or made the subject of an inventor's certificate by me or my legal representatives or assigns in a country foreign to the United States prior to the date(s) of said earlier application(s) on an application filed more than twelve months (six months if this application is for a design) before the filing of said earlier application(s); and I acknowledge that no application for patent or inventor's certificate on said subject matter has been filed by me or my representatives or assigns in any country foreign to the United States except those identified herein.

|                          |                    |                           |
|--------------------------|--------------------|---------------------------|
| <u>09/851,614</u>        | <u>May 8, 2001</u> | <u>pending</u>            |
| (Application Serial No.) | (Filing Date)      | (Status)                  |
|                          |                    | (patented,pending,aband.) |

| (Application Serial No.) | (Filing Date) | (Status)<br>(patented,pending,aband.) |
|--------------------------|---------------|---------------------------------------|
|--------------------------|---------------|---------------------------------------|

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

|                        |                 |                                |                           |
|------------------------|-----------------|--------------------------------|---------------------------|
| James E. Cockfield     | Reg. No. 19,162 | Maria C. Laccotripe Zacharakis | Limited Recognition       |
| Thomas V. Smurzynski   | Reg. No. 24,798 |                                | Under 37 C.F.R. § 10.9(b) |
| Ralph A. Loren         | Reg. No. 29,325 | Debra J. Milasincic            | Reg. No. 46,931           |
| Giulio A. DeConti, Jr. | Reg. No. 31,503 | David R. Burns                 | Reg. No. 46,590           |
| Elizabeth A. Hanley    | Reg. No. 33,505 | Sean D. Detweiler              | Reg. No. 42,482           |
| Amy E. Mandragouras    | Reg. No. 36,207 | Cynthia L. Kanik               | Reg. No. 37,320           |
| Anthony A. Laurentano  | Reg. No. 38,220 | Theodore R. West               | Reg. No. 47,202           |
| Kevin J. Canning       | Reg. No. 35,470 | Hathaway P. Russell            | Reg. No. 46,488           |
| Jane E. Remillard      | Reg. No. 38,872 | John S. Curran                 | Reg. No. 50,445           |
| DeAnn F. Smith         | Reg. No. 36,683 | Lisa M. DiRocco                | Reg. No. 51,619           |
| Jeanne M. DiGiorgio    | Reg. No. 41,710 | Danielle L. Herritt            | Reg. No. 43,670           |
| Megan E. Williams      | Reg. No. 43,270 | Merideth C. Arnold             | Reg. No. 52,568           |
| Jeremiah Lynch         | Reg. No. 17,425 | Peter W. Dini                  | Reg. No. 52,821           |
| David J. Rikkers       | Reg. No. 43,882 | Cynthia M. Soroos              | Reg. No. 53,623           |
|                        |                 | Jonathan M. Sparks             | Reg. No. 53,624           |
|                        |                 | Andrina M. Zink                | Reg. No. 54,539           |
|                        |                 | John D. Lanza                  | Reg. No. 40,060           |

Send Correspondence to Giulio A. DeConti, Jr. at **Customer Number: 000959** whose address is:

Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109

Direct Telephone Calls to: (name and telephone number)

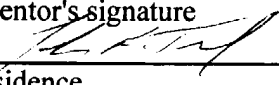
Jane E. Remillard, (617) 227-7400

Wherefore I petition that letters patent be granted to me for the invention or discovery described and claimed in the attached specification and claims, and hereby subscribe my name to said specification and claims and to the foregoing declaration, power of attorney, and this petition.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

|  |      |
|--|------|
| Full name of sole or first inventor<br>Yashwant M. Deo           |      |
| Inventor's signature   | Date |
| Residence<br>35 Cortland Drive, East Brunswick, New Jersey 08816 |      |
| Citizenship<br>United States of America                          |      |
| Post Office Address (if different)                               |      |

|   |      |
|---|------|
| Full name of second inventor, if any<br>Tibor Keler |      |
| Inventor's signature                                | Date |
| Residence<br>30 Park Road, Ottsville, PA 18942      |      |
| Citizenship<br>United States of America             |      |
| Post Office Address (if different)                  |      |

|   |                  |
|---|------------------|
| Full name of third inventor, if any<br>John Trembl  |                  |
| Inventor's signature<br> | Date<br>10/24/03 |
| Residence<br>4701 Pine Street, #122, Philadelphia, PA 19143   |                  |
| Citizenship<br>United States of America   |                  |
| Post Office Address (if different)  |                  |

|   |      |
|---|------|
| Full name of fourth inventor, if any<br>Michael Endres              |      |
| Inventor's signature  | Date |
| Residence<br>24 Delaware Road, P.O. Box 511, Riegelsville, PA 18077 |      |
| Citizenship<br>United States of America                             |      |
| Post Office Address (if different)                                  |      |



**Customer Number: 000959**

Attorney's  
Docket  
Number MXI-166CP

**Declaration, Petition and Power of Attorney for Patent Application**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

HUMAN MONOCLONAL ANTIBODIES TO DENDRITIC CELLS

the specification of which

(check one)

     is attached hereto.

X was filed on November 7, 2001 as

Application Serial No. 10/035,637

and was amended on \_\_\_\_\_  
(if applicable)

I do not know and do not believe that the subject matter of this application was known or used by others in the United States or patented or described in a printed publication in any country before my invention thereof, or patented or described in a printed publication in any country or in public use or on sale in the United States more than one year prior to the date of this application, or first patented or caused to be patented or made the subject of an inventor's certificate by me or my legal representatives or assigns in a country foreign to the United States prior to the date of this application on an application filed more than twelve months (six months if this application is for a design) before the filing of this application; and I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application, that no application for patent or inventor's certificate on the subject matter of this application has been filed by me or my representatives or assigns in any country foreign to the United States, except those identified below, and that I have reviewed and understand the contents of the specification, including the claims as amended by any amendment referred to herein.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

# CLAIM OF BENEFIT OF EARLIER FOREIGN APPLICATION(S)

I hereby claim priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below, and have also identified below any foreign application(s) for patent or inventor's certificate filed by me on the same subject matter having a filing date before that of the application(s) from which priority is claimed.

Check one:

☒ no such applications have been filed.

☐ such applications have been filed as follows

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED WITHIN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

| Country | Application Number | Date of Filing<br>(month,day,year) | Priority Claimed<br>Under 35 USC 119                     |
|---------|--------------------|------------------------------------|--|
|         |                    |                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|         |                    |                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|         |                    |                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|         |                    |                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|         |                    |                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No |

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

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CLAIM FOR BENEFIT OF U.S. PROVISIONAL APPLICATION(S)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

60/230,739

(Application Serial No.)

September 7, 2000

(Filing Date)

60/203,126

(Application Serial No.)

May 8, 2000

(Filing Date)



## CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of any earlier United States application(s) or PCT international application(s) designating the United States listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the earlier application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date(s) of the earlier application(s) and the national or PCT international filing date of this application. As to subject matter of this application which is common to my earlier application(s), if any, described below, I do not know and do not believe that the same was known or used by others in the United States or patented or described in a printed publication in any country before my invention thereof, or patented or described in a printed publication in any country or in public use or on sale in the United States more than one year prior to the date(s) of said earlier application(s), or first patented or caused to be patented or made the subject of an inventor's certificate by me or my legal representatives or assigns in a country foreign to the United States prior to the date(s) of said earlier application(s) on an application filed more than twelve months (six months if this application is for a design) before the filing of said earlier application(s); and I acknowledge that no application for patent or inventor's certificate on said subject matter has been filed by me or my representatives or assigns in any country foreign to the United States except those identified herein.

|                          |                    |                           |
|--------------------------|--------------------|---------------------------|
| <u>09/851,614</u>        | <u>May 8, 2001</u> | <u>pending</u>            |
| (Application Serial No.) | (Filing Date)      | (Status)                  |
|                          |                    | (patented,pending,aband.) |

| (Application Serial No.) | (Filing Date) | (Status)<br>(patented,pending,aband.) |
|--------------------------|---------------|---------------------------------------|
|                          |               |                                       |

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

|                        |                 |                                |                           |
|------------------------|-----------------|--------------------------------|---------------------------|
| James E. Cockfield     | Reg. No. 19,162 | Maria C. Laccotripe Zacharakis | Limited Recognition       |
| Thomas V. Smurzynski   | Reg. No. 24,798 |                                | Under 37 C.F.R. § 10.9(b) |
| Ralph A. Loren         | Reg. No. 29,325 | Debra J. Milasincic            | Reg. No. 46,931           |
| Giulio A. DeConti, Jr. | Reg. No. 31,503 | David R. Burns                 | Reg. No. 46,590           |
| Ann Lamport Hammitte   | Reg. No. 34,858 | Sean D. Detweiler              | Reg. No. 42,482           |
| Elizabeth A. Hanley    | Reg. No. 33,505 | Cynthia L. Kanik               | Reg. No. 37,320           |
| Amy E. Mandragouras    | Reg. No. 36,207 | Theodore R. West               | Reg. No. 47,202           |
| Anthony A. Laurentano  | Reg. No. 38,220 | Shayne Y. Huff                 | Reg. No. 44,784           |
| Kevin J. Canning       | Reg. No. 35,470 | Hathaway P. Russell            | Reg. No. 46,488           |
| Jane E. Remillard      | Reg. No. 38,872 | John S. Curran                 | Reg. No. 50,445           |
| DeAnn F. Smith         | Reg. No. 36,683 | Lisa M. DiRocco                | Reg. No. 51,619           |
| Peter C. Lauro         | Reg. No. 32,360 | Danielle L. Herritt            | Reg. No. 43,670           |
| Jeanne M. DiGiorgio    | Reg. No. 41,710 | Merideth C. Arnold             | Reg. No. 52,568           |
| Megan E. Williams      | Reg. No. 43,270 | Peter W. Dini                  | Reg. No. 52,821           |
| Jeremiah Lynch         | Reg. No. 17,425 | Cynthia M. Soroos              | Reg. No. 53,623           |
| David J. Ridders       | Reg. No. 43,882 | Jonathan M. Sparks             | Reg. No. 53,624           |

Send Correspondence to Giulio A. DeConti, Jr. at **Customer Number: 000959** whose address is:

Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109

Direct Telephone Calls to: (name and telephone number)

Jane E. Remillard, (617) 227-7400

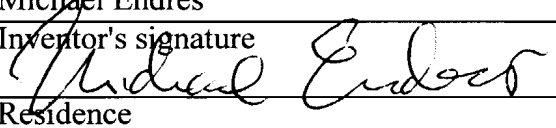
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|  |      |
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| Full name of sole or first inventor<br>Yashwant M. Deo           |      |
| Inventor's signature   | Date |
| Residence<br>35 Cortland Drive, East Brunswick, New Jersey 08816 |      |
| Citizenship<br>United States of America                          |      |
| Post Office Address (if different)                               |      |

|   |      |
|---|------|
| Full name of second inventor, if any<br>Tibor Keler |      |
| Inventor's signature                                | Date |
| Residence<br>30 Park Road, Ottsville, PA 18942      |      |
| Citizenship<br>United States of America             |      |
| Post Office Address (if different)                  |      |

|   |      |
|---|------|
| Full name of third inventor, if any<br>John Trembl              |      |
| Inventor's signature  | Date |
| Residence<br>4701 Pine Street, Apt. A12, Philadelphia, PA 19143 |      |
| Citizenship<br>United States of America                         |      |
| Post Office Address (if different)                              |      |

|   |                 |
|---|-----------------|
| Full name of fourth inventor, if any<br>Michael Endres  |                 |
| Inventor's signature<br> | Date<br>7/31/03 |
| Residence<br>24 Delaware Road, P.O. Box 511, Riegelsville, PA 18077   |                 |
| Citizenship<br>United States of America   |                 |
| Post Office Address (if different)  |                 |